

Glossary

- 1G** First-generation analog wireless telephone technology.
- 2G** Second-generation wireless technology, the first digital generation and the first to include data services.
- 3G** Third-generation wireless telephone technology, noted for faster data rates.
- 4G** Fourth-generation wireless telephone technology, with even faster data rates than the previous 3G.
- Airplane mode** Special smartphone mode that disables Wi-Fi and cellular functionality for use in flight.
- Android** Google's operating system for mobile phones and tablets. Samsung smartphones use the Android operating system.
- app** A software program that runs on a smartphone or other device.
- application** See *app*.
- Back key** On the Samsung Galaxy S6 and S6 Edge, the "soft" key that when pressed moves back to the previous screen.
- bandwidth** The amount of data that can be sent over a connection in a given amount of time.

Bluetooth A wireless protocol for exchanging data over short distances. Smartphones use Bluetooth technology to connect to wireless headsets and to in-car systems.

browser See *web browser*.

caller ID A feature that displays the caller's name and/or number when an incoming call is received.

calling plan Services offered by a mobile carrier for a given charge. A calling plan typically includes all voice-related services, but typically not data services, which are often charged separately.

carrier See *mobile carrier*.

cell phone See *mobile phone*.

cellular network A wireless network used for phone calls and data transmission, distributed over a range of geographic areas called cells.

cloud computing A form of computing where files and applications are stored on a collection of Internet-based servers, instead of on local devices.

cloud storage A means of storing files and other data on Internet-based servers, instead of on local devices.

coverage area The geographic area within which a mobile carrier provides service.

data plan Services offered by a mobile carrier for transmitting data and connecting to the Internet. Distinct from voice services offered in a typical data plan.

Edge screen The curved areas on the sides of the Galaxy S6 Edge smartphone, used to display auxiliary information.

Facebook The world's largest social network.

front-facing camera The camera that faces the user on a smartphone, typically located above the screen. Front-facing cameras are typically used to shoot selfies.

Home key The large physical button located below the screen on the Galaxy S6 and S6 Edge. Pressing the Home key returns the user to the Home screen.

hotspot A public Wi-Fi network one can use to connect to the Internet. Typically found in coffeehouses, restaurants, hotels, and the like.

IMAP Short for Internet Message Access Protocol, used by email apps to access messages stored on a central server.

Instagram A social network based on the sharing of digital photographs.

iOS The operating system used on Apple's iPhones and tablets.

iPhone Apple's line of smartphones.

key On Samsung phones, those physical or soft buttons used to perform specific operations, such as powering on or changing the volume.

landline A wired telephone connection, like the type you have in your home.

LinkedIn A social network targeted at business professionals.

LTE Short for long term evolution, a 4G wireless telephone technology.

main camera See *rear-facing camera*.

microUSB A smaller USB connector used in smartphones and other mobile devices.

MMS Short for Multimedia Messaging Service, a means of sending images, videos, and other media along with text messages.

mobile What Europeans call a *mobile phone*.

mobile carrier A company that sells access to a wireless telephone network. Top carriers in the United States include AT&T, Sprint, T-Mobile, and Verizon.

mobile game A videogame that is designed to be played on smartphones and other mobile devices.

mobile hotspot A function that enables a smartphone to provide Wi-Fi services to nearby devices, and thus share an Internet connection with portable computers, tablets, and other phones.

mobile network See *cellular network*.

mobile phone A telephone that can make and receive calls wirelessly, over a cellular network.

mobile service provider See *mobile carrier*.

NFC Short for near field communications, a short-range standard for wireless data transfer. Typically used to share content between wireless devices and make retail payments wirelessly.

Notifications panel The panel of icons that displays when you swipe down from the top of any screen on the Galaxy S6 and S6 Edge. Contains shortcuts to various system settings and operations.

operating system The underlying software that controls all the operations of a given electronic device. Samsung uses the Android operating system to control its Galaxy smartphones.

OS See *operating system*.

PIN Short for personal identification number, a numeric code used to provide secure access to a given device or service.

Pinterest A social network based on “pinning” images to virtual online boards.

POP3 Short for Post Office Protocol 3, used by email apps to access messages stored on a central server.

Power key The physical button on the right side of the Galaxy S6 and S6 Edge, used to power the phone on and off.

PUK Short for PIN unblock key, a numeric code used to reset a lost or forgotten PIN code.

rear-facing camera The camera on the rear of a smartphone, used to take pictures of other people and subjects. This is often referred to as the phone’s main camera.

Recents key The soft key on the front of the Galaxy S6 and S6 Edge that, when pressed, displays a stack of recent and open apps.

ringtone The sound a phone makes when there is an incoming call.

selfie A picture of oneself, typically taken with a smartphone’s front-facing camera.

SIM Short for subscriber identity module, the small removable card that contains identifying information necessary to operate a mobile phone.

smartphone A mobile phone that, in addition to voice calling capability, includes a touch screen and microprocessor that enable computer-like operation and Internet connectivity.

SMS Abbreviation for Short Messaging Service, a means to send and receive text messages.

social media See *social network*.

social network A website or service that enables users to share content and personal information.

soft key A flat area beneath the smartphone screen that functions as a key or button when pressed.

swipe The action of moving your finger across a touchscreen to activate a function or operation.

tethering The process of connecting a smartphone to a computer so that the computer can access the Internet via the phone's data connection.

text messaging The process of sending text-based messages from one phone to another, via either SMS or MMS technology.

texting See *text messaging*.

Twitter A social network based on short (140-character) messages, called tweets.

USB Short for Universal Serial Bus, a standard for wired connections between two electronic devices. Widely used to connect smartphones and peripherals to personal computers.

voice mail An electronic service, similar to an answering machine, that enables callers to leave messages when calls are unanswered. Most mobile carriers offer voice mail service.

Volume keys The two physical buttons on the left side of the Galaxy S6 and S6 Edge that, when pressed, raise and lower the phone's volume.

web browser An application used to access websites on the Internet.

Wi-Fi Short for wireless fidelity, a technology that provides high-speed wireless data transmission between devices.

Wi-Fi hotspot See *hotspot*.

wireless charging The ability to recharge a smartphone or other devices without making a wired power connection.

wireless network A public or private network that connects together computers, smartphones, and other devices via Wi-Fi wireless technology.